***Subject:*** Initial Meeting with Cian

***Project Name:*** Sign Detection Using Tensorflow

***Facilitator:*** Cian Byrne

***Prepared by:*** Will Talbot

***Mode:*** Zoom

***Date:*** Tuesday 3 September 2020

***Time:*** 5.30pm – 6.00pm

***Attendees:*** Will T, Jarod R, Calum B, Ben L, Manfred A, Calum B

***Absent:*** Zhaobo W

*[****Agenda item –*** *the topic to be discussed during the meeting*

***Description/comments*** *– brief explanation/justification of agenda item, sub topics to be discussed or list of things discussed as part of the agenda item*

***Decision/Action:*** *decision made, or action taken regarding agenda item e.g. Due dates, redo work, proof and submit, contact client for clarification, discuss with team, discuss with tutor, no action required*

***Who*** *– team member responsible for action or outcome(s) associated with decision made regarding agenda item*

***Items for escalation*** *– any issues that needs to be raised with the team manager, tutor or client]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # | Agenda Item | Description/ Comments | Decision/Action | Who? | Items for escalation |
| 1 | Admin | Cover general meeting admin. | Links will be send out next week, no meetings week 3. 1st one on 14th September.  On Monday, we will prepare a 1 min video on what we did that week, starting 21st Monday.  Have a plan of what we will do before the next meeting.  Venture Café is recommended to join – we will be given a 10-15 minutes slot about what we have discovered (align with demo).  Discord for communications about the donkey simulator. | All | n/a |
|  | Project Requirements | Establish project requirements. | Develop and improve Unity simulator.  We will receive a track layout to put into the simulator with specific dimensions and scale. (It may be tricky to add maps – must be done manually).  Find a way to make it easier to import worlds into the donkey car simulator. Currently worlds are generated with a text file (with its own specific syntax).  Place objects into the simulator, including stop signals, parking signs, traffic lights, etc (Cian will send complete list and sample data).  Writing the TF algorithms / networks for detecting the placed objects (there will be a list of objects given to us by Cian). Models can be trained on both extracted simulator data and real-world datasets.  (Ext. Component) Testing on a real car. Once code runs well in simulation, Cian will ask China team to deploy on a real car. | Team | n/a |
|  | Robotic Challenge (3-Day Robot) | This is a 3 day challenge to build an autonomous car. | Our code will hopefully be used in this competition. | n/a | n/a |